

Amendments to the Specification:

Please replace Paragraph [0038] (the paragraph that spans pages 12 and 13) with the following rewritten paragraph:

[0038] The internal arrangement of control circuit 50 of color printer 20 is described with reference to FIG. 4. As shown in the drawing, control circuit 50 comprises a CPU 51; PROM 52; RAM 53; a peripheral I/O portion (PIO) ~~54~~ 55, a timer ~~55~~ 54, a drive buffer 56 and the like. ~~To PIO 54 are~~ 55 is connected to a personal computer PC, carriage motor 31, paper feed motor 33 and an encoder 37. Drive buffer 56 is used as a buffer for supplying dot ON/OFF signals to print heads IH1 to IH4. These are interconnected by means of a bus 57 to enable exchange of data among them. Control circuit 50 additionally comprises an oscillator 58 for outputting a drive waveform of predetermined frequency, and a distributed output instrument 59 for distributing output from oscillator 58 to print heads IH1 to IH4 at predetermined timing. Control circuit 50 outputs dot data to drive buffer 56 at predetermined timing while synchronizing with operation of paper feed motor 33 and carriage motor 31.

Please replace Paragraph [0053] (the paragraph that begins on page 17, line 12) with the following rewritten paragraph:

[0053] As a result, tone number becomes 1024x, and as shown in FIG. 10 color value graduation in the converted RGB color space is finer than in FIG. 9, and where color values have values of up to 3 places below the decimal point, all color values can be converted to integral values in the converted image data. If color values having tone number of up to 3 places below the decimal point are converted to integral values, it is possible to prevent reduction of tone number, and the tone number of the original image data can be preserved throughout subsequent image processing. Even if a plurality of color values of converted image data assume identical values, ~~since~~ since the tone number is 1024x, it is possible to easily preserve a tone number of 256 for the components of the original image data GD, and reducing in reproductive color number can be prevented.